RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

SURFACE DIAMOND DRILLHOLE : HP062

PROJECT IDEN : 5510 | START DATE : 31 MAY 89 | COMPLETION DATE : 5 JUL 89 | LOGGED BY:RHR
COLLAR NORTHING: 63890.80 | COLLAR EASTING : 79675.70 | COLLAR ELEVATION: 2656.40 | GRID AZIMUTH : 0.00
DRILLED BY :LY | TOTAL LENGTH : 590.50 | CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		103.50	-55.00	63880.80	79675.70	2656.40
001	37.00		101.00	-56.00			
002	58.00		102.00	-55.00			
003	79.00		102.00	-54.00			
004	136.00		102.00	-54.00			
005	157.00		101.50	-53.50			
006	178.00		101.50	-53.00			
007	199.00		100.50	-52.75			
008	220.00		101.00	-52.75			
009	241.00		101.00	-52.25			
010	262.00		101.00	-52.00			
011	286.00		99.50	-51.00			
012	307.00		98.00	-51.00			
013	328.00		100.00	-50.00			
014	349.00		97.00	-48.25			
015	370.00		98.00	-47.00			
016	391.00		99.00	-45.00			
017	412.00		100.00	-43.50			
018	433.00		99.00	-42.50			
019	454.00		99.50	-41.00			
020	475.00		99.00	-40.50			
021	499.00		99.30	-40.30			
022	518.00		99.00	-40.00			
023	544.00		102.00	-39.00			
024	571.00		103.00	-38.00			

R HED HOLE PURPOSE:Deep intersection of gold mineralisation.
R HED Target;63800N, 2250RL.
R HED HOLE SIZE:0-30.1 PQ, 30.1-519 HQ, 519-EOH TT56.
R HED HOLE CONDITION:PVC collar pipe. Cut casing at 480
R HED metres, 480-518.9m HQ rods stuck in hole.

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	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	21.50			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	21.50	50.80			PREDOMINANTLY MAFIC VOLCANICS: green, with hornblende phenocrysts.	CENTRAL VOLCANICS
	50.80	87.20			MIXED FELSIC AND MAFIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	87.20	136.70			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	136.70	153.20			MIXED FELSIC AND MAFIC VOLCANICS: upper contact: c.a. / 45.	CENTRAL VOLCANICS
	153.20	190.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	190.30	197.00			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	197.00	220.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: orange, moderate to strong k-feldspar alteration.	CENTRAL VOLCANICS
	220.30	223.70			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
R	223.00	223.60			Hematitic coatings on joints.	
	223.70	238.80			MIXED FELSIC AND MAFIC VOLCANICS: dark green, moderate k-feldspar alteration, hematite vein/s: quartz carbonate vein/s.	CENTRAL VOLCANICS
	238.80	257.50			PREDOMINANTLY MAFIC VOLCANICS: dark green. 250.20 - 251.70: 100% PREDOMINANTLY MAFIC VOLCANICS: light green, strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	257.50	286.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	264.45	264.50			Pug zone.	
	286.50	293.70			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
	293.70	294.70			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	294.70	297.00			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS
	297.00	299.10			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: yellow-green. 298.70 - 299.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	299.10	311.30			PREDOMINANTLY MAFIC VOLCANICS: dark green.	CENTRAL VOLCANICS

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	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	311.30	422.50			MIXED FELSIC AND MAFIC VOLCANICS. 311.30 - 320.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: foliation: c.a. / 50. 321.80 - 322.80: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with prominent pug zones. 380.70 - 381.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones. 400.00 - 400.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core. 414.50 - 416.90: 100% MIXED FELSIC AND MAFIC VOLCANICS: very strongly broken core, with prominent pug zones. 416.90 - 421.70: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
	422.50	453.40			PREDOMINANTLY MAFIC VOLCANICS: hematite vein/s: quartz carbonate vein/s. 423.20 - 431.00: 100% PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	423.50	423.60			Major pug zone.	
	453.40	456.20			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	CENTRAL VOLCANICS
	456.20	480.70			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	480.70	484.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green, foliation: c.a. / 60.	CENTRAL VOLCANICS
	484.40	494.40			MYLONITE AND PUG: foliation: c.a. / 60, upper contact: c.a. / 75.	HENTY FAULT ZONE
	494.40	500.20			CRUSH ZONE. 495.40 - 500.20: 100% CRUSH ZONE: mineralised.	HENTY FAULT ZONE
	500.20	510.00			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% blebs of chalcopyrite, 0.3% blebs of galena, 0.3% blebs of sphalerite. 503.00 - 505.60: 100% QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, 50% quartz-base metal mineralisation, 1% blebs of galena, 1% blebs of sphalerite.	
	510.00	545.10			LAVAS AND VOLCANICLASTICS. 510.00 - 511.70: 100% MIXED VOLCANICLASTICS & EPICLASTICS: grey, upper contact: c.a. / 55. 511.70 - 512.90: 100% LAVAS AND VOLCANICLASTICS: pink.	TYNDALL VOLCANICS

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	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
					512.90 - 515.40: 100% QUARTZ-PHYRIC RICH VOLCANICLASTICS: buff. 515.40 - 520.00: 100% INTENSELY SILICIFIED ZONE: very strong silica alteration. 524.80 - 538.00: 100% LAVAS AND VOLCANICLASTICS: pervasive extremely weak silica-sericite-pyrite alteration, 1% lenses of carbonate.	
R	538.00	545.00			Fragmental texture appears to be evident, may result from	
R	538.00	545.00			increased alteration. 538.00 - 545.00: 100% LAVAS AND VOLCANICLASTICS: patches of moderate silica-sericite-pyrite alteration, 1% lenses of carbonate.	
	545.10	549.30			INTENSELY SILICIFIED ZONE: quartz vein/s.	
R	545.10	548.80			Appears to be silicified volcanic.	
R	545.10	549.30			Silicification and quartz veining marks an original contact ?	
R	545.10	549.30			fault.	
R	548.80	549.30			Appears to be silicified fine-grained gray sediment.	
	549.30	559.50			VERY FINE GRAINED(SHALEY) EPICLASTIC: grey-green, patches of weak to moderate silica alteration.	TYNDALL VOLCANICS
R	549.30	559.50			Patchy sedimentary layering in places. Layering appears to be	
R	549.30	559.50			broken up.	
	559.50	569.40			UNDIFFERENTIATED EPICLASTICS: patches of very strong silica alteration. 561.40 - 565.60: 100% INTENSELY SILICIFIED ZONE.	TYNDALL VOLCANICS
	569.40	581.10			COARSE-GRAINED(PEBBLY) EPICLASTIC.	TYNDALL VOLCANICS
R	569.40	581.10			Well sorted grain-supported mixture of pink quartz-phyric	
R	569.40	581.10			volcanic fragments and quartz phenocrysts. Typical grain size	
R	569.40	581.10			1-3mm with larger fragments up to 2cm. Contains irregular	
R	569.40	581.10			patches of fine-grained sediment.	
	581.10	590.50			UNDIFFERENTIATED EPICLASTICS: upper contact: c.a. / 45.	TYNDALL VOLCANICS
R	581.10	590.50			Mixture of medium to fine-grained epiclastics ranging to medium	
R	581.10	590.50			to coarse grained. Sandy epiclastics occur as pink fragmented	
R	581.10	590.50			layers in the finer grained green epiclastics. The original	
R	581.10	590.50			sandy layers appear to have been boudined and dislocated during	
R	581.10	590.50			deformation. 583.70 - 585.95: 100% UNDIFFERENTIATED EPICLASTICS: strong silica-hematite alteration, 2.5% veinlets of carbonate, 0.3% coarse grained pyrite, 0.1% blebs of chalcopyrite.	